## A New Method for Deepening Wells That Are Going Dry

**Authors:** 

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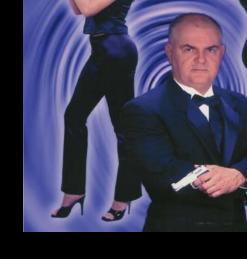
Prepared for the U.S. Department of Energy under Contract DE-AC06-6RLO 1830

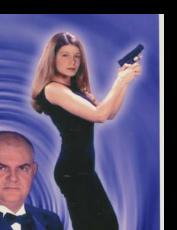
Pacific Northwest National Laboratory

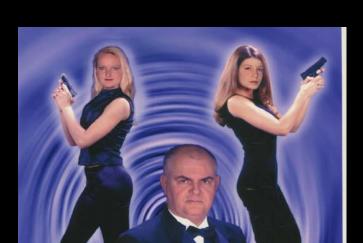
## Today's Presenter?

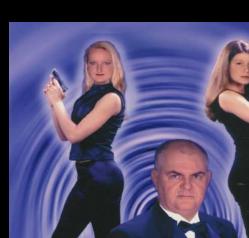








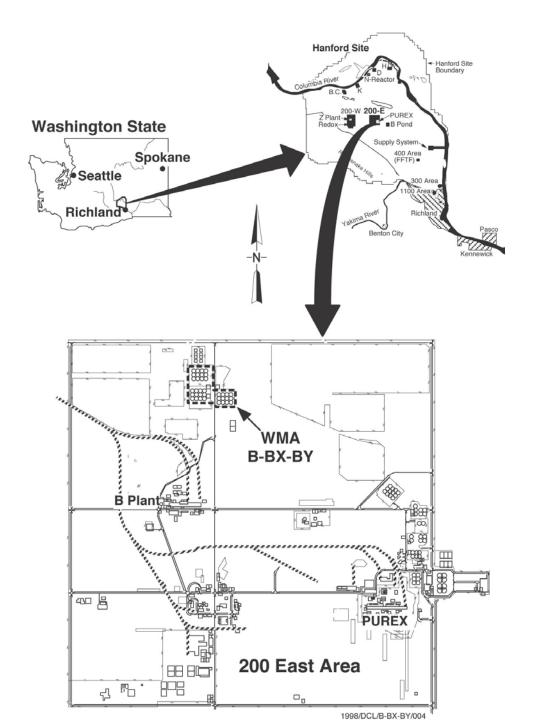


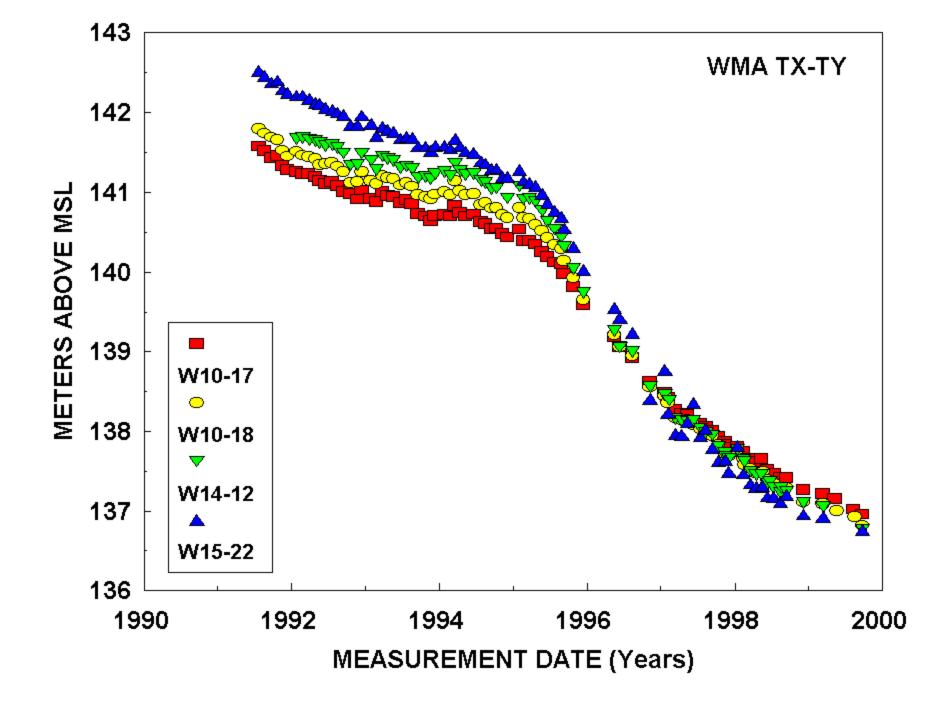


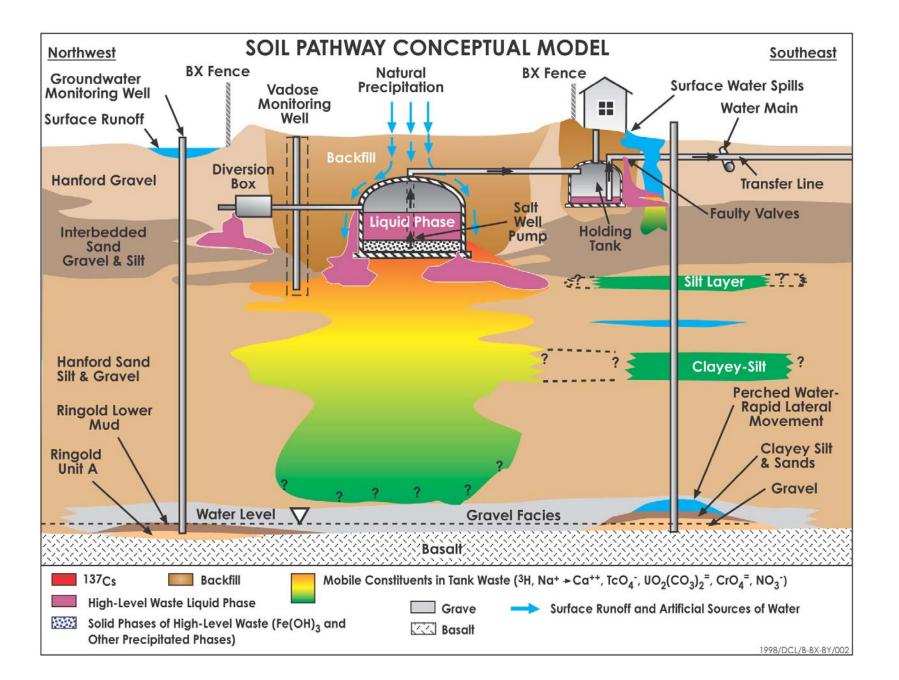


## Groundwater Investigator













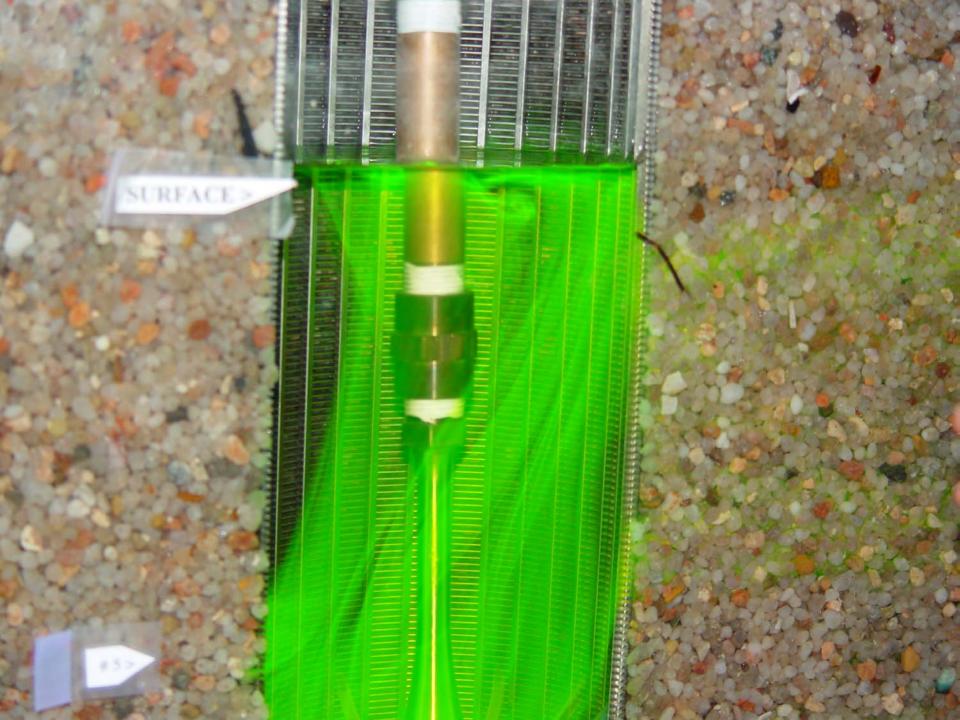


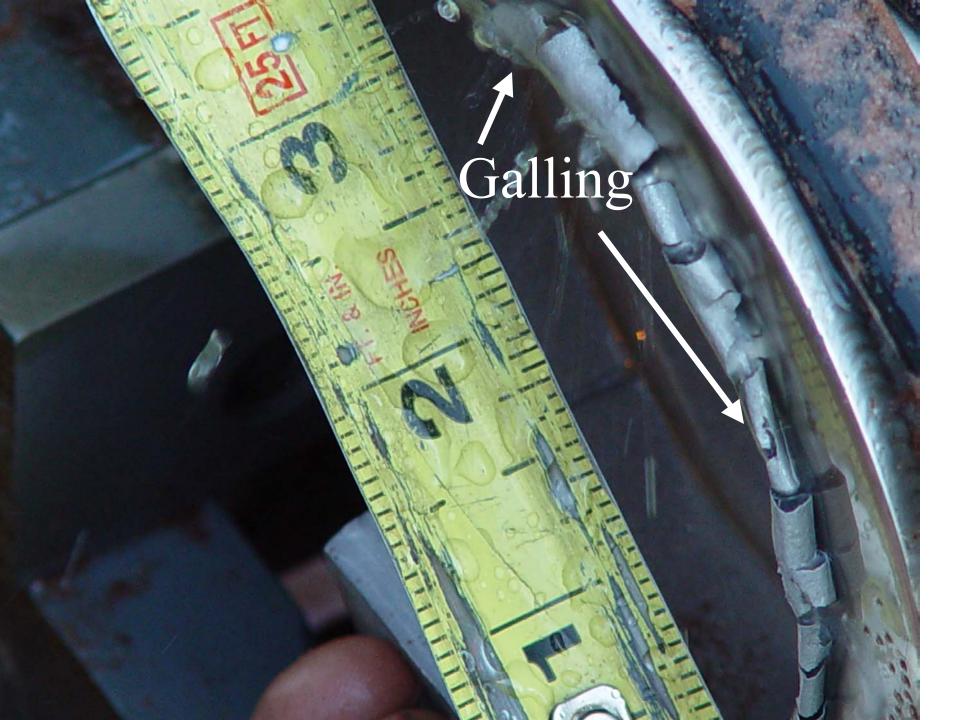


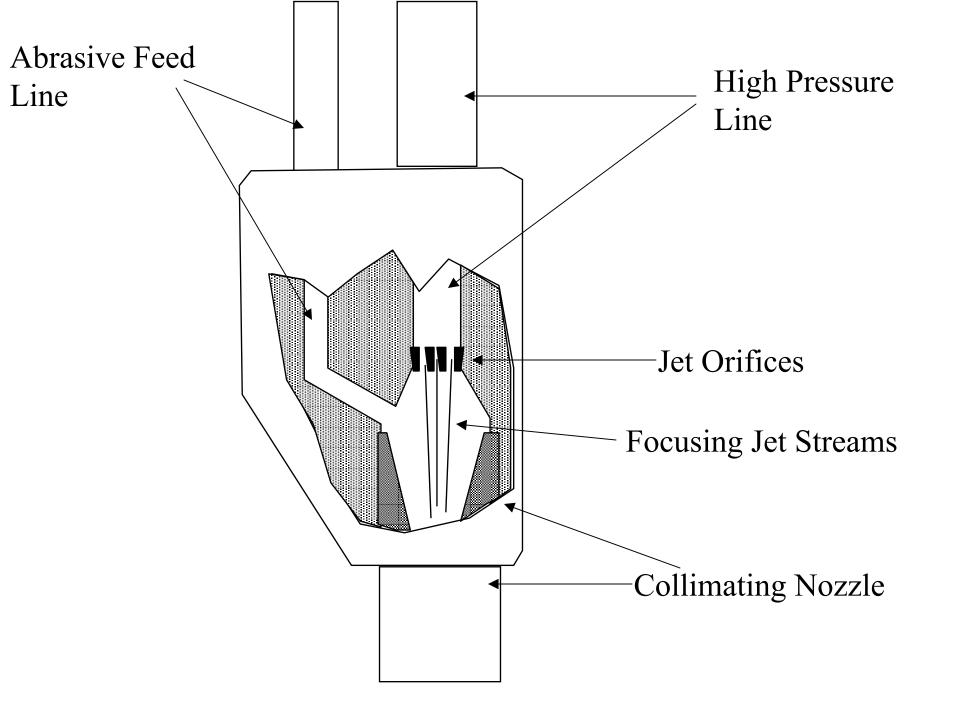












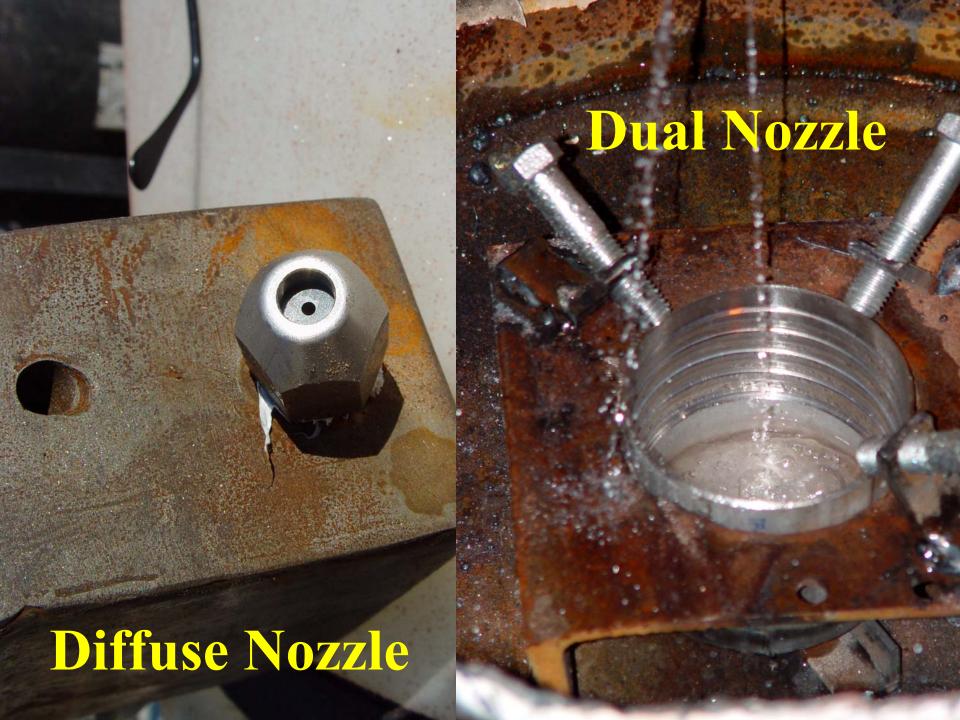


## Fine Garnet Sand

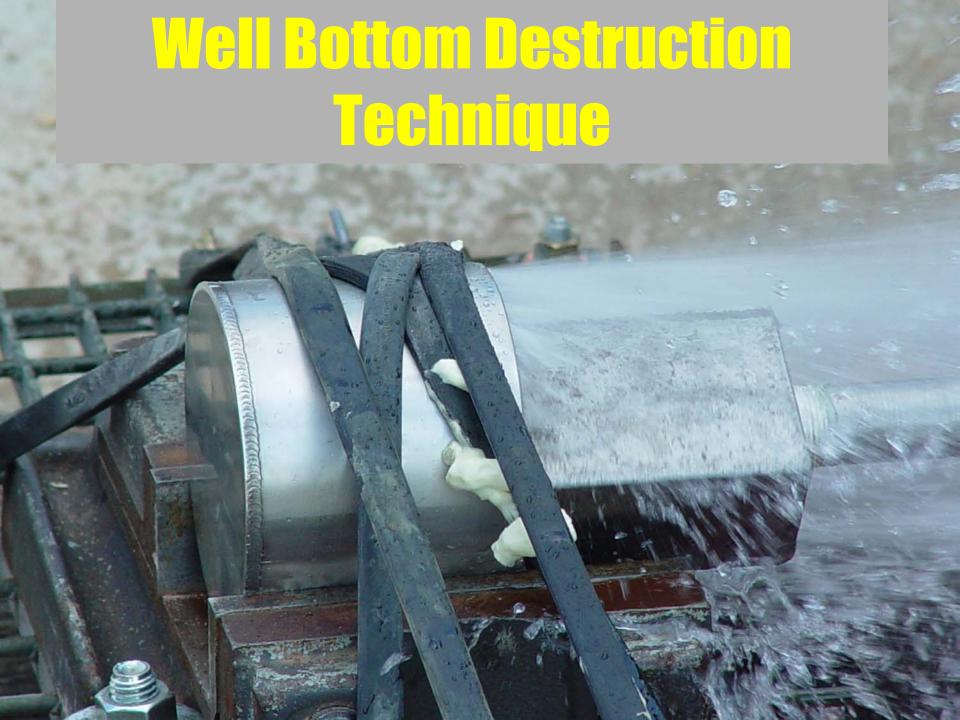












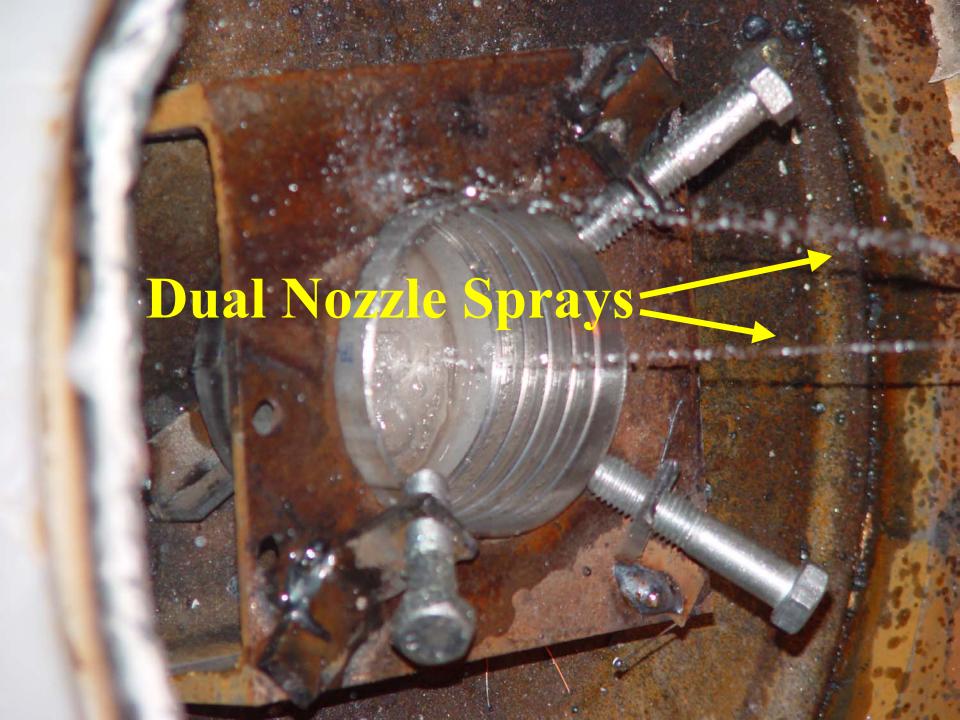




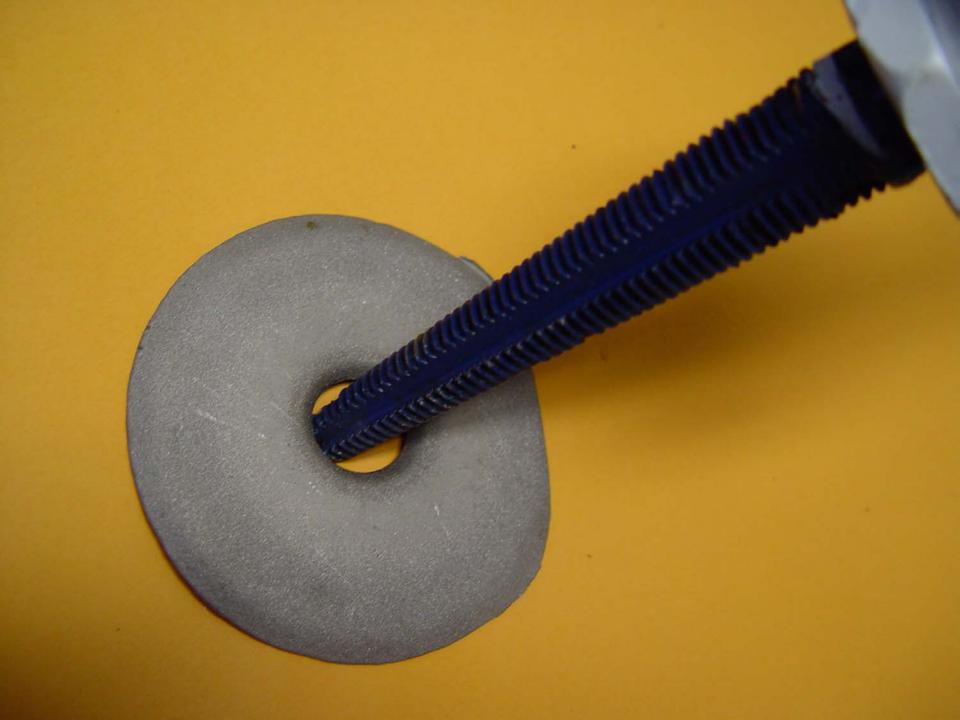


















Produced by Scott Conley and Ronald Schalla

Still Photography by Ronald Schalla

Special Effects Prepared by Scott Conley PNNL

Videos Courtesy of David Summers, Rock Mechanics and Explosives Research Center, University of Rolla, Rolla, MO.

Narration by Ronald Schalla PNNL

"James Bond Theme"
Performed by the London Symphony Orchestra
Courtesy of Capital Records, Inc., Hollywood CA

On Her Majesty's Secret Service"
Performed by The John Barry Orchestra
Courtesy of Capital-EMI Music, Hollywood, CA